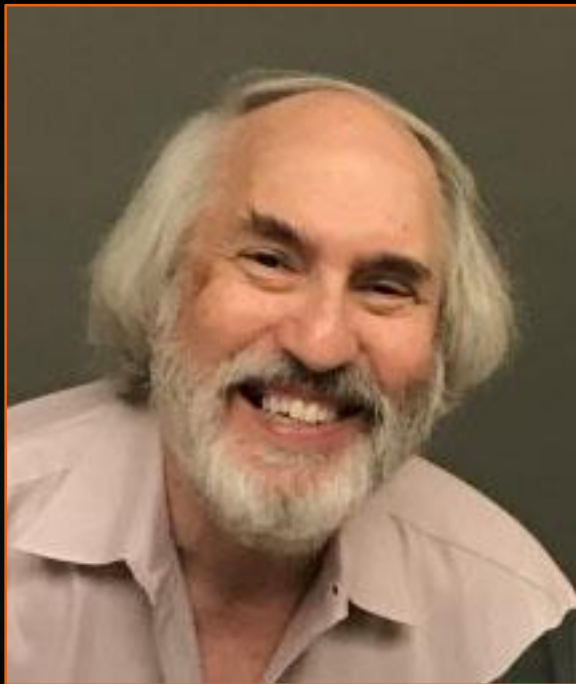


March 14, 2023
End-of-term Student Team Project Presentations



ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS
Instructor

17
Years

Questions, Comments, Suggestions, or Concerns?



Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them before the end-of-term course evaluation.

Week 10 Class Sessions

- ▶ Tue, Mar 14th
End-of-Term Student Team Project Presentations



- ▶ Thu, Mar 16th
Student Team & Individual Project Demonstrations
Burritos



Reminder - Work with Extreme Diligence



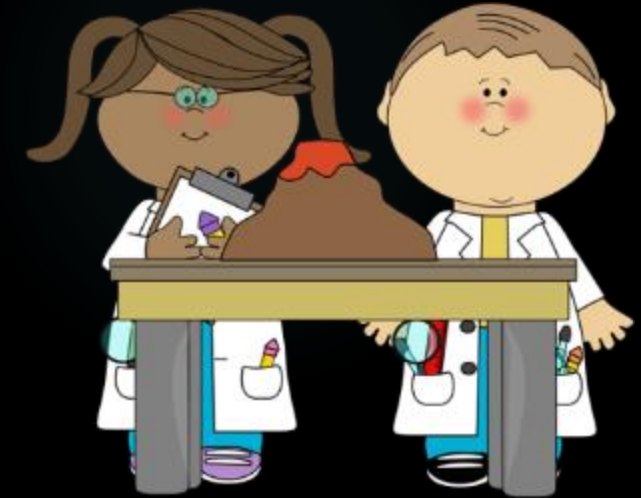
- ▶ Time is your most precious resource
- ▶ End-of-term project demonstrations - Thursday, Mar 16th



Project Demonstrations - Thursday

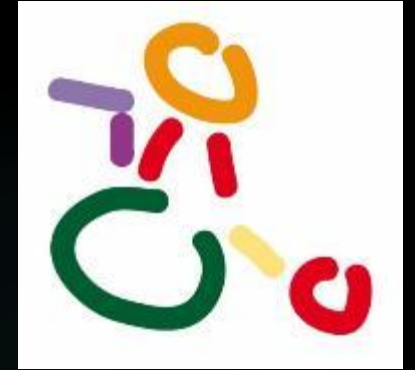


- ▶ Bring all prototypes to class
- ▶ Meet in classroom to fill out a course evaluation form
- ▶ Project demonstrations in classroom
- ▶ No posters or handouts - informal “trade show” presentations
- ▶ Demonstrate prototype’s functionality
- ▶ Make sure I check it out
- ▶ Check out other teams’ projects
- ▶ Enjoy burritos & drinks
- ▶ Community members will attend
- ▶ Invite project suggestors, users, friends who contributed to your project’s success
- ▶ Bring laptop to show additional videos and images of your process



Prototype Considerations

- ▶ Your prototype should be functional, but not necessarily ready for market
- ▶ Contingency plans if things don't work out
- ▶ Add a team or Stanford logo
- ▶ Never apologize for what you did or what you were not able to achieve
- ▶ Mention future plans
- ▶ Remember “Everything is a prototype”



Meet the Makers



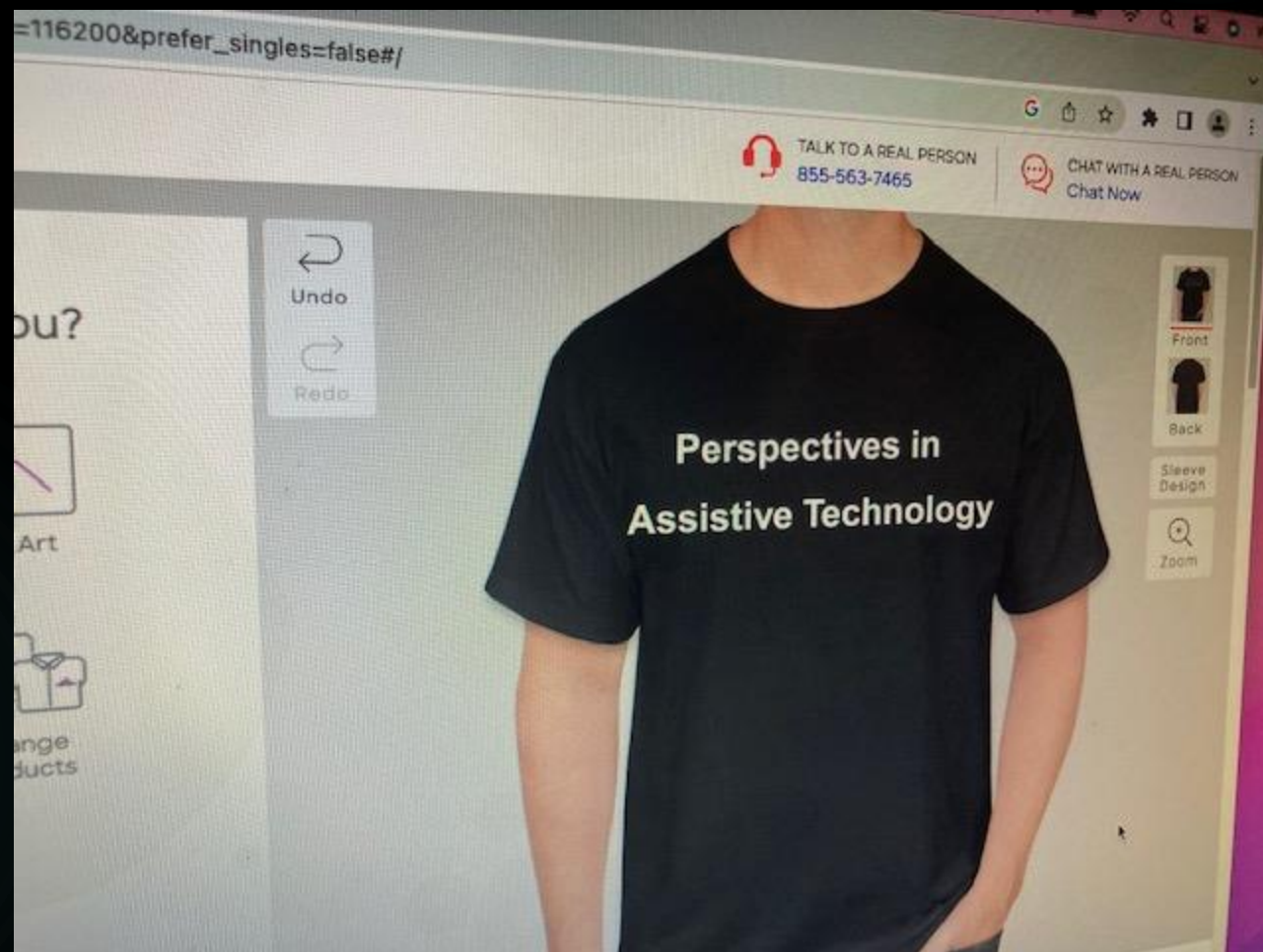
Wednesday, March 22nd
9:30 - 11:00am
Peterson Building Atrium

RESNA Student Design Challenge



Submissions due by Fri, April 14th

T-shirts



Course Evaluations



1. Dave's in-class evaluation on Thursday - bring laptop
2. Cardinal Course Student Survey (Emailed March 7th)
3. Course Evaluation Team - online on your own - "your feedback is very important" - anonymous responses



	Strongly Agree	Agree	Disagree
The instructor had a nice haircut.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor knew how to cook.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a good singing voice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shaving cream was used.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dogs were permitted in class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a masculine nose.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



End-of-term Report



- ▶ Cover your entire quarter's work
- ▶ Include material from mid-term report
- ▶ Consider mid-term report mark-ups
- ▶ Due **Monday, March 20th**



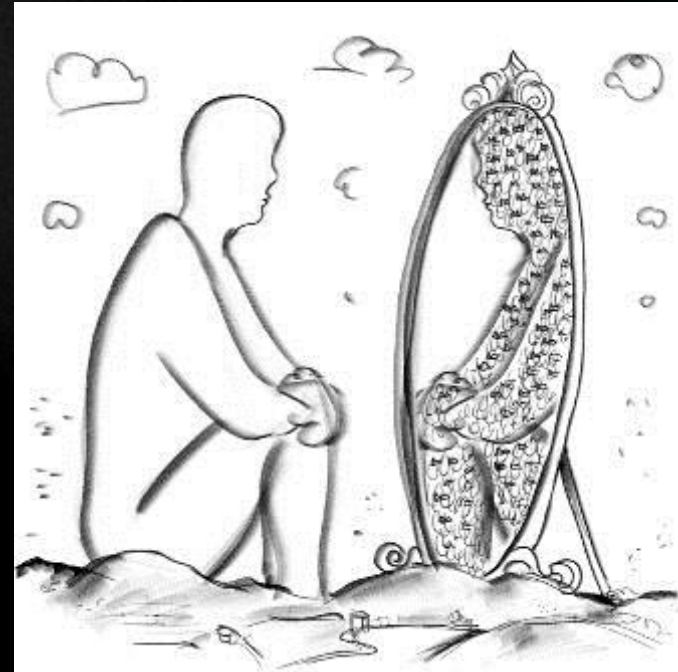
Individual Reflection



- ▶ How you felt about your course, project, user, team experience
- ▶ Due **Monday, March 20th**

We do not learn from
experience... we learn
from reflecting on
experience.

- John Dewey



Online Scoring Form



10b - Anonymous Scoring Sheet for End-of-term Student Team Project Presentations

This quarter ten student teams have been addressing problems experienced by individuals with disabilities or older adults and have been working to research, brainstorm, design, fabricate, and test a prototype device or software to meet the identified problem. Each team will give a formal presentation detailing their project activities. Please note that this was a seven-week team project effort and the students' prototypes are not intended to represent commercial offerings.

 dljaffe@stanford.edu (not shared) [Switch account](#)



Everyone is welcome to evaluate the teams' presentations

Do not score your team's presentation

<http://engr110.stanford.edu/10a>

Paper Scoring Form



Mid-Term Student Team Project Presentations
ENGR110/210: Perspectives in Assistive Technology - 2022

Please fill out with a pen. **Tuesday, February 8, 2022** *Please write legibly.*

I am: - a student, - faculty member, - community member, - other: _____

Thank you for attending this year's mid-term student team project presentations for ENGR110/210. Student teams have been addressing problems experienced by individuals with disabilities or older adults and have been working to understand the problem, brainstorm, design, fabricate, and test a prototype device or software to meet an identified challenge. The teaching team would appreciate your assistance in judging the quality of the students' project and presentation efforts. Please read the criteria below and submit your scores, suggestions, and comments. Use a pen and print legibly as your comments will be disseminated to the project teams.

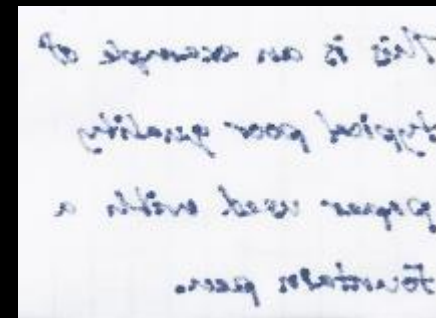
- Judge the overall quality of the presentation, design process, prototyped concepts in the following areas:
 - Presentation & Delivery:** Presentation: (What the team presented) - clarity, organization, and completeness of the information presented. Delivery: (How the team presented) - professionalism, enthusiasm, conviction, confidence, energy, volume.
 - Process:** (How the team addressed the problem) - problem information, background research, design concepts brainstormed, prototyped, tested, and evaluated.
 - Design:** (What the team produced) - creativity, originality, functionality of the design concept(s), and the likelihood it will meet the user's challenges.
 - Overall:** (Overall score) - combined impression of presentation and project effort
- Use these metrics: ⓐ = Excellent (Top 10%) ⓑ = Very Good (Top 25%) ⓒ = Good (Middle) ⓓ = Fair (Bottom 25%) ⓔ = Poor (Bottom 10%)
- Please provide your comments and suggestions about the course, this mid-term presentation, and the overall evaluation process. Thank you for your participation!

Everyone is welcome to evaluate the teams' presentations

Do not score your team's presentation

Please use a pen that doesn't bleed through the paper and has a legible font

1. Team / Project: CLICK	Belt Buckle Project for Danny		
Comments: What are your LIKES and WISHES about what the team accomplished, and what are your comments, suggestions, and advice for them?			
Presentation & Delivery	Process	Design	Overall
ⓐ ⓑ ⓒ ⓓ ⓔ	ⓐ ⓑ ⓒ ⓓ ⓔ	ⓐ ⓑ ⓒ ⓓ ⓔ	ⓐ ⓑ ⓒ ⓓ ⓔ



Order of Presentation



1. **Playground Pals** - Accessible and Inclusive Playground Attractions (1)
2. **Tech-Support on the Go** - Mobile Laptop & iPad Computer Support for Abby
3. **iPhone 4** - iPhone Project with Danny
4. **No Bad Vibez** - Bass Reduction Project
5. **Team D.U.G** - Communication Aid for Nathan
6. **Live Laugh Leash** - Leash Project for Danny and Korey
7. **Mother Mary** - Aesthetic Prosthetic Leg Project
8. **Funtastic Four** - Accessible and Inclusive Playground Attractions (2)
9. **Su-paw-star Solutions** - Water Bowl for Danny's Service Dog Korey

Team Project Presentations

- ▶ End-of-term Team Project Presentations
 - ▶ 7-minute presentations:
 - ▶ Tell the entire story
 - ▶ Be concise
 - ▶ Employ descriptive photos
 - ▶ Avoid every last detail
 - ▶ Show your prototypes as slide images
 - ▶ Practice for timing, where to stand, etc
 - ▶ Use slide presenter to advance slides



Team Project Presentations

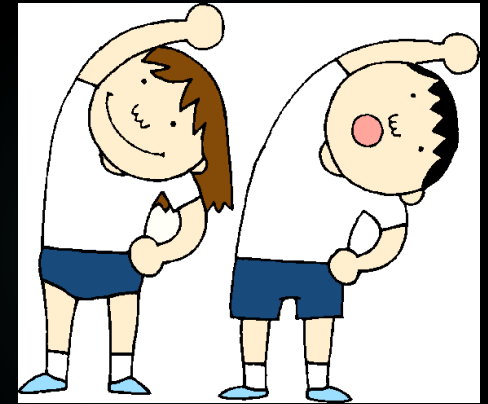
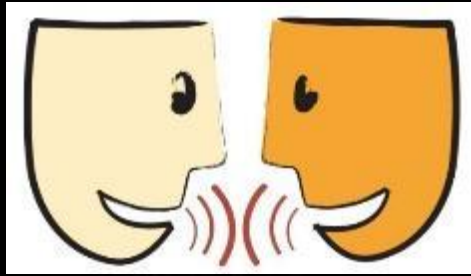


Student project teams have selected a challenge or problem experienced by individuals with disabilities or older adults and have been working to understand, research, brainstorm, design, fabricate, and test prototype devices or software to meet the identified challenge. Each team will now present their end-of-term project progress.

Sorry, there will not be time for questions today. Save them for Thursday!

Break Activities

- ▶ Stand up and stretch
- ▶ Take a bio-break
- ▶ Text message
- ▶ Web-surf
- ▶ Respond to email
- ▶ Talk with classmates
- ▶ Reflect on what was presented in class



Short Break

